

Fig.1. Effect of different re-culture on shoot regeneration from cotyledon, hypocotyls and cotyledonary petiole of *B. juncea* after transformation by *A. tumefaciens*.

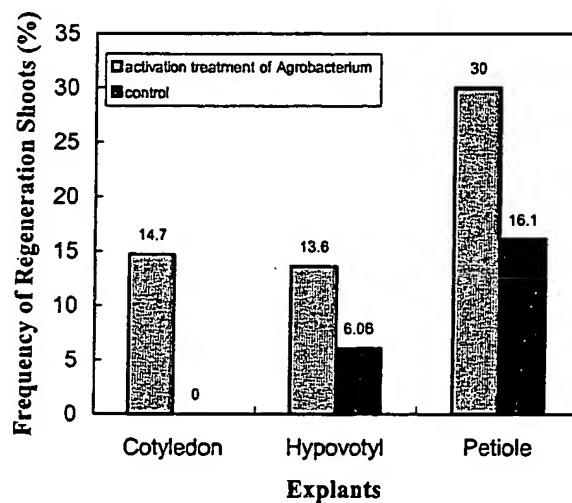


Fig.2. Effect of activation of *Agrobacterium* on shoot regeneration from cotyledon, hypocotyls and cotyledonary petiole of *B. juncea* after transformation by *A. tumefaciens*.

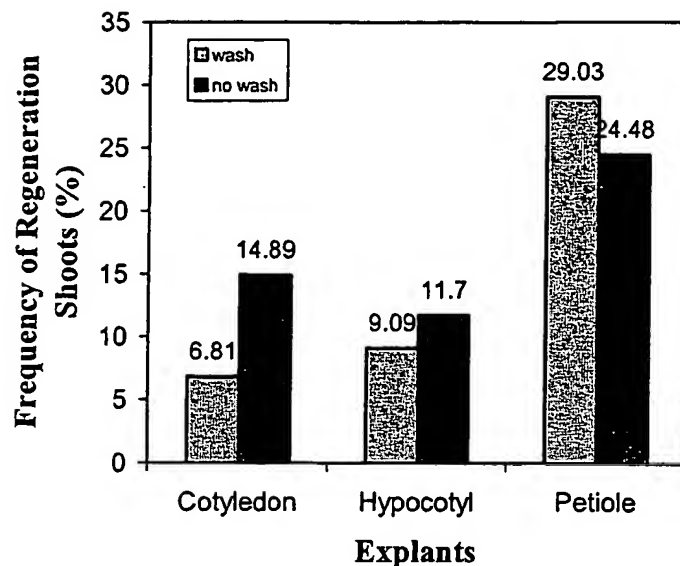


Fig.3. Effect of wash treatment to explants after co-culture on shoot regeneration from cotyledon, hypocotyls and cotyledonary petiole of *B. juncea* after transformation by *A. tumefaciens*.

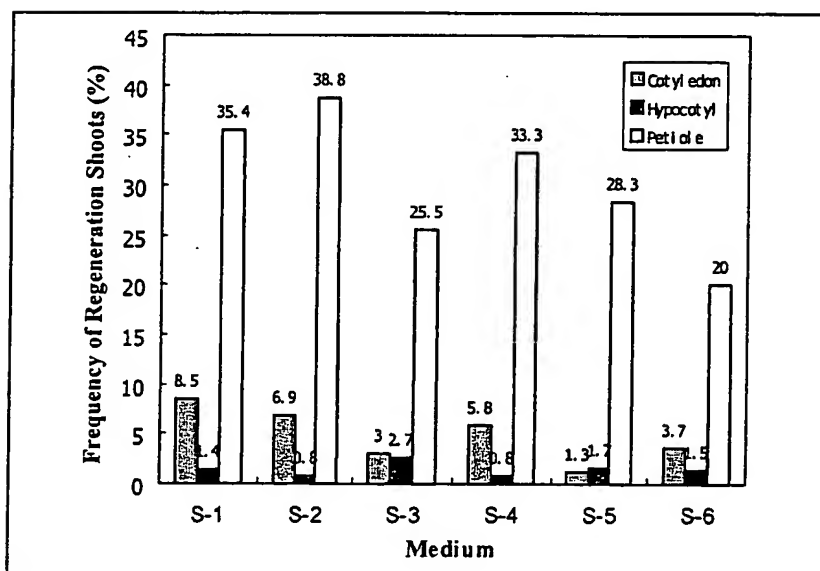


Fig.4. Effect of growth regulators on shoot regeneration from cotyledon, hypocotyls and cotyledonary petiole of *B. juncea* after transformation by *A. tumefaciens*.



Figure 5. Photograph of the high efficiency transformation of transgenic *Brassica juncea* shoots growing in the presence of 3 mg/L phosphinothricin.

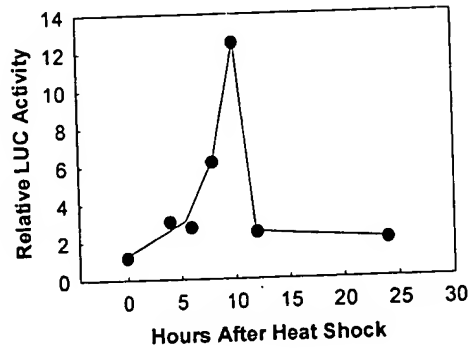


Figure 6. Graph of expression results of the luciferase reporter gene in the transgenic plant